

FORM PCT/1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 124-1113
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/531302
INTERNATIONAL APPLICATION NO. PCT/GB2003/004483	INTERNATIONAL FILING DATE 17 October 2003	PRIORITY DATE CLAIMED 17 October 2002
TITLE OF INVENTION LIQUID CRYSTAL ALIGNMENT LAYER		
APPLICANT(S) FOR DO/EO/US AMOS et al.		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The U.S. has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2). <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (25 pages specification, claims & abstract (26 claims), 4 sheets drawings). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation). <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4). <ol style="list-style-type: none"> <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5). <p>Items 11 To 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ol style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Other items or information. 		

JC13 Rec'd PCT/PTO 14 APR 2005

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.51) Unknown 31302		INTERNATIONAL APPLICATION NO. PCT/GB2003/004483		ATTORNEY'S DOCKET NUMBER 124-1113																									
21. <input checked="" type="checkbox"/> The following fees are submitted:																													
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):																													
<input checked="" type="checkbox"/> a) Basic national fee				\$300.00 (1631)/\$150.00 (2631)	\$ 300.00																								
<input checked="" type="checkbox"/> b) Examination Fee				\$200.00 (1633)/\$100.00 (2633)	\$ 200.00																								
<input checked="" type="checkbox"/> c) Search Fee				\$500.00 (1632)/\$250.00 (2632)	\$ 500.00																								
TOTAL OF ABOVE CALCULATIONS				\$1000.00/\$500.00	\$ 1000.00																								
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																									
29 -100	0 /50 =	0.00		\$0.00 (1681) \$0.00 (2681)																									
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th># EXTRA</th> <th colspan="2">RATE</th> <th></th> </tr> <tr> <td>Total Claims</td> <td>24 minus 20 =</td> <td>4 X</td> <td>\$50.00 (1615)/</td> <td>\$25.00 (2615)</td> <td>\$ 200.00</td> </tr> <tr> <td>Independent Claims</td> <td>4 minus 3 =</td> <td>1 X</td> <td>\$200.00 (1614)</td> <td>\$100.00 (2614)</td> <td>\$ 200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td colspan="2">\$360.00 (1616)/\$180.00 (2616)</td> <td>\$ 0.00</td> </tr> </table>						CLAIMS	NUMBER FILED	# EXTRA	RATE			Total Claims	24 minus 20 =	4 X	\$50.00 (1615)/	\$25.00 (2615)	\$ 200.00	Independent Claims	4 minus 3 =	1 X	\$200.00 (1614)	\$100.00 (2614)	\$ 200.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616)		\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)																													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.																													
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).																													
TOTAL NATIONAL FEE =																													
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property				+																									
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)				+																									
TOTAL FEES ENCLOSED =																													
					Amount to be: refunded																								
					Charged																								
<p>a. <input type="checkbox"/> A check in the amount of \$1440.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.</p> <p>d. <input checked="" type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED.</p> <p>e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/GB2003/004483 and any U.S. and foreign application(s) corresponding thereto, and GB 0224179.2 and GB 0225921, referred to in this application is/are hereby incorporated by reference in this application.</p> <p>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</p> <p>CORRESPONDENCE ADDRESS</p> <p>Direct all correspondence to:</p> <p><input checked="" type="checkbox"/> Customer Number: 23117</p> <p style="text-align: center; font-size: small;">Type Customer Number here</p>																													
<div style="display: flex; justify-content: space-between;"> <div> <p>Telephone: (703) 816-4000</p> <p>ARC:alb</p> </div> <div style="text-align: right;"> <p>Arthur R. Crawford NAME</p> <p>25,327 April 14, 2005 REGISTRATION NUMBER Date</p> </div> </div>																													